

IN THE SPECIFICATION:

Please replace the paragraph beginning on p. 2, line 25 with the following replacement paragraph:

One solution for remotely interfacing devices to a computer is the use of a “split bridge,” U.S. Patent No. [[_____]] 6,425,033 titled System and Method for Connecting Peripheral Buses Through a Serial Bus (Serial No. 09/092,342) and U.S. Patent No. [[_____]] 6,418,504 titled System and Method for Connecting Peripheral Buses Through a Serial Bus (Serial No. 09/876,003) both assigned to National Instruments Corporation describe a “split bridge” implementation. U.S. Patent No. 6,070,214 assigned to Mobility Electronics also describes a “split bridge” implementation. A split bridge may allow the extension of a computer bus, such as a PCI bus, to a remote location with little or no performance degradation or software requirements. For example, standard PCI-PCI bridge chip functionality may be split between two remotely located components which may be located on the computer and the remote chassis, respectively. For example, in a PCI split bridge system, the host computer includes a primary PCI bus and a first interface comprising a first portion of the bridge, the remote system includes a secondary PCI bus and a second interface comprising a second portion of the bridge, and the two systems are coupled via a transmission medium, e.g., a serial or parallel transmission cable. The first interface, the transmission medium, and the second interface may collectively comprise the bridge. In this manner, PCI devices attached to both of the PCI systems may be coupled seamlessly, or transparently, i.e., the PCI expansion devices coupled to the remote PCI bus may appear to the computer system as if they were coupled directly to the local PCI bus in the host computer system. One added benefit of this approach is the expansion of the number of PCI devices which may be included in the overall system, normally limited to 3 or 4 PCI devices. Of course, this technique is not limited to PCI based systems, and may be used with other buses as well, such as Compact PCI, PXI, VME or VXI, among others.